

00684.003170



*COPC*  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: )  
: )  
Kenichiro MORI ) Examiner: A. A. Mathews  
: )  
Application No.: 09/823,973 ) Group Art Unit: 2851  
: )  
Filed: April 3, 2001 )  
: )  
For: ILLUMINATION OPTICAL SYSTEM FOR USE IN ) August 31, 2005  
PROJECTION EXPOSURE APPARATUS )  
: )  
U.S. Patent No. 6,903,801 B2 )  
: )  
Issued: June 7, 2005 )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
**Attention: Certificate of Correction Branch**

*Certificate*  
**SEP 02 2005**  
*of Correction*

REQUEST FOR  
CERTIFICATE OF CORRECTION  
UNDER RULES 322 AND 323

Sir:

Patentee requests that a Certificate of Correction be issued by the Patent and  
Trademark Office due to errors which appear in the printed patent as a result of U.S. Patent and  
Trademark Office mistakes and mistakes of a minor nature which are not the fault of the Patent  
and Trademark Office.

09/01/2005 SSITHIB1 00000001 6903801

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**SEP 06 2005**

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction. Any additional fee required by this paper may be charged to Deposit Account No. 06-1205.

Patentee's undersigned attorney may be reached in our Washington, D.C. Office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Steven E. Warner", written over a horizontal line.

Attorney for Patentee  
Steven E. Warner  
Registration No. 33,326

FITZPATRICK, CELLA, HARPER & SCINTO  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,903,801 B2

DATED : June 7, 2005

INVENTOR(S): Kenichiro MORI

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE COVER PAGE:

In item "(57) **ABSTRACT**," delete the current abstract and insert the following therefor:

-- An illumination optical system for illuminating a surface, to be illuminated, with use of light from a light source. The illumination optical system includes a diffractive optical element for forming a desired light intensity distribution upon a predetermined plane, an angular distribution transforming unit for transforming an angular distribution of light incident or to be incident on the diffractive optical element into a desired distribution, the angular distribution transforming unit also being operable to change the desired distribution, a multiple beam producing unit, wherein the predetermined plate is a light entrance surface of the multiple beam producing unit, and a light projecting element for superposing light rays from the multiple beam producing unit one upon another on the surface to be illuminated. --

IN THE DRAWINGS:

In "Sheet 1 of 7," "FIG. 1A," in the top right reference description, "APERTUR" should read -- APERTURE --.

MAILING ADDRESS OF SENDER:

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**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,903,801 B2

DATED : June 7, 2005

INVENTOR(S): Kenichiro MORI

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 1:

Line 24, "NO." should read -- No. --.

Line 64, "NO." should read -- No. --.

COLUMN 4:

Line 23, "opitcal" should read -- optical --.

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